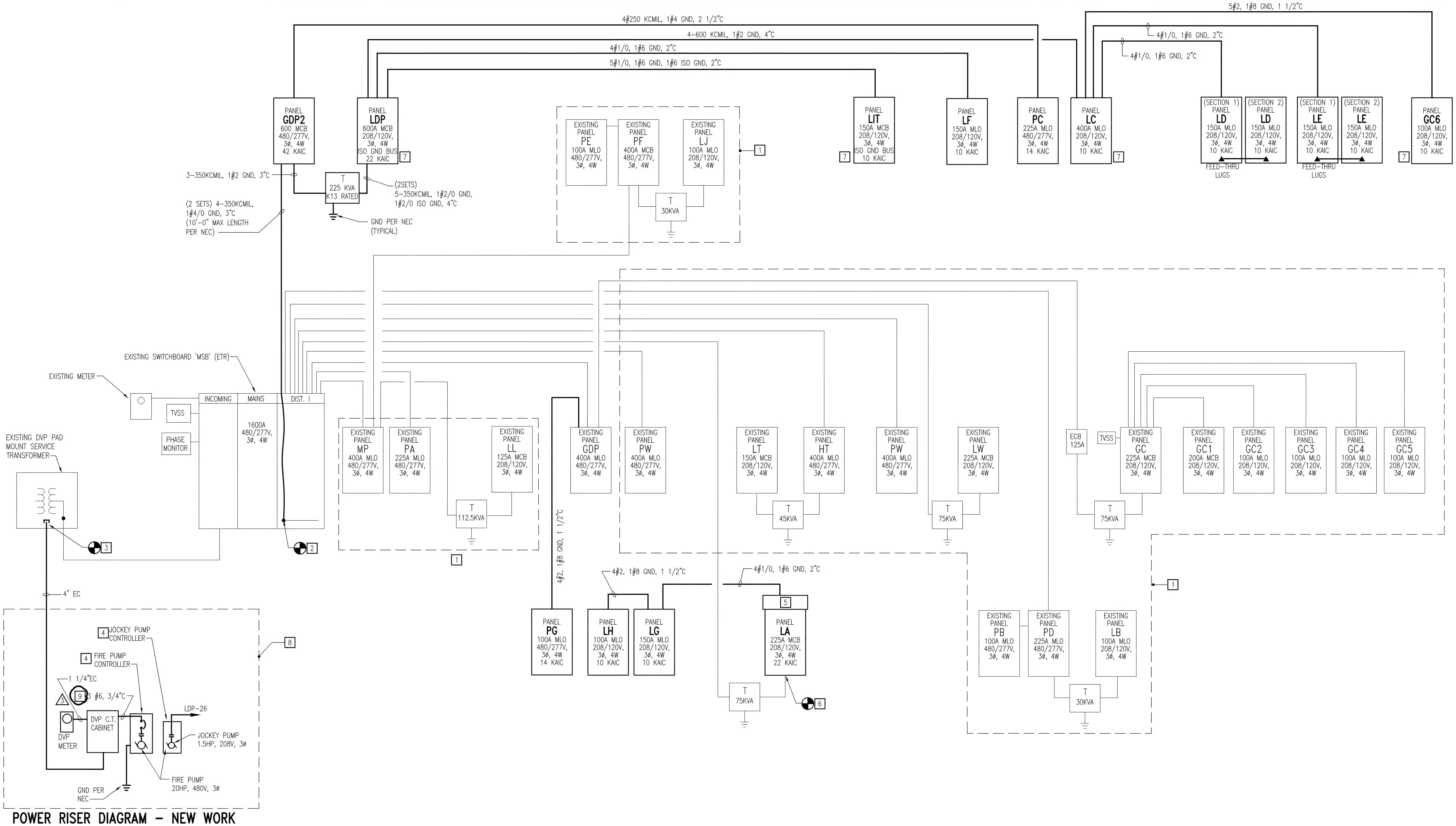

POWER RISER DIAGRAM - NEW WORK

NO SCALE

NOTES THIS SHEET

1. EQUIPMENT IS SHOWN TO ILLUSTRATE COMPLETE ELECTRICAL SYSTEM AND ASSOCIATED EXISTING FEEDER CONNECTIONS.
2. PROVIDE ALL MEANS TO TAP EXISTING 1600A MAIN BUS OF SWITCHBOARD AS REQUIRED BY SWITCHBOARD MANUFACTURER OR THIRD PARTY U.L. SHOP SO THAT THE UL LISTING OF EQUPMENT IS MAINTAINED AND/OR RECERTIFIED.
3. PROVIDED CONDUIT AS INDICATED FOR NEW FIRE PUMP FEEDER CONNECTION TO SECONDARY COMPARTMENT OF EXISTING DVP TRANSFORMER. COORDINATE ALL REQUIREMENTS WITH DVP.
4. FIRE PUMP CONTROLLER AND JOCKEY PUMP CONTROLLER ARE PROVIDED WITH FIRE PUMP
5. PROVIDE 8"H X WIDTH AND DEPTH AS REQUIRED PULL BOX ON TOP OF NEW PANELBOARD IN SAME LOCATION OF FORMER EXISTING PANEL TO FACILITATE EXTENSION OF EXISTING BRANCH CIRCUIT WIRING TO NEW BREAKERS. LOCATE PANEL'S BOTTOM ON TOP OF EXISTING BRANCH CIRCUIT AND/OR FEEDER CONDUIT.
6. CONNECT EXIST PANEL FEEDERS TO NEW PANEL AS INDICATED. COORDINATE WITH PANELBOARD SCHEDULE.
7. PROVIDE 200% NEUTRAL BUS
8. CONTRACTOR SHALL CONNECT/INSTALL IN ACCORDANCE WITH NEC ART 695.6 A & C
9. CONDUIT SHALL BE ENCASED IN 2" CONCRETE PER NEC ART 695.6 A & C

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WARSAW + GLENNS, VIRGINIA
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GLENNS CAMPUS ELECTRICAL POWER RISER DIAGRAMS

Date: APRIL 21, 2010

REVISIONS	
NO.	DATE
1	FEBRUARY 9, 2010
2	MARCH 3, 2010
3	APRIL 21, 2010

COMMONWEALTH OF VIRGINIA
JOHN DEVAN
Lic. No. 013815
4-21-10
PROFESSIONAL ENGINEER

Sheet
E5.2G
File Number